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A Course Delivery Evolution: Moving from Lecture to Online to a Flipped Classroom

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Title: A Course Delivery Evolution: Moving from Lecture to Online to a Flipped Classroom

Session Type: Formal Presentation

Availability: Anytime

Presenters:

Kim Michael, MA, RT(R), RDMS, RVT, FSDMS

Tanya Custer, MS, RT(R)(T)

Presentation Abstract:

This presentation will focus on the findings of a research study designed to evaluate different modes of course delivery in a Genitourinary Sonography course. The purpose of the study was two-fold, first to determine if the mode of delivery (traditional, on-line, flipped) affects student satisfaction in a genitourinary sonography course and second to evaluate overall course outcomes.

The study reviewed current data over a 9-year period from a single sonography course offered in the spring semester of a 12-month Bachelor of Science health professions program. During the first three years (2010-2012), the course was offered in a traditional, lecture style format. From 2013-2015, the course switched to a totally on-line format and then from 2016-2018 a flipped classroom format was utilized. Data was compiled and compared between the three styles using course evaluations and student outcomes. Assessment of student perceptions and outcomes noted mixed results in regard to the different modes of delivery utilized.

Importance:

At the conclusion of the presentation, attendees will be able to:

1. Describe three different modes of delivery (traditional, on-line, flipped) used as part of a research study in a genitourinary sonography course.
2. Summarize data gathered on student perceptions in regard to the use of three different modes of delivery (traditional, on-line, flipped) in a genitourinary sonography course.
3. Summarize data gathered on lessons learned and student learning outcomes for three different modes of delivery (traditional, on-line, flipped) in a genitourinary sonography course.

Suggested Audience: Faculty

Presentation Needs:

Presenters will bring their own MacBook to present from. Two microphones requested if possible.